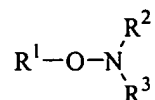


What is claimed is:

18. (currently amended) An aqueous solution comprising a hydrogen-accepting coenzyme selected from the group consisting of NAD, NADP and derivatives thereof, ~~and~~ one or more compounds selected from the group consisting of organic compounds or salts thereof having a pKa value between 1.5 and 6.0, and nitrogen compounds of the formula



in which R¹, R² and R³ are the same or different and denote hydrogen or a saturated or unsaturated alkyl or aryl group, the solution characterized by ~~the absence of glucose-6-phosphate dehydrogenase~~ having a pH between about 2.0 and 4.0.

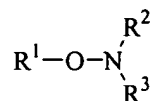
19. (cancelled)
20. (currently amended) The solution of claim ~~19~~ 18 wherein the concentration of the citric acid or citrate salt is about 5 to 200 mM.
21. (cancelled)
22. (original) The solution of claim 18 wherein the nitrogen compound is a hydroxylamine derivative or salt thereof.
23. (original) The solution of claim 22 wherein the concentration of the hydroxylamine derivative or salt is between about 2 and 300 mM.
24. (cancelled)

25. (cancelled)

26-45 (cancelled)

46-53 (previously cancelled)

54. (new) An aqueous solution comprising a hydrogen-accepting coenzyme selected from the group consisting of NAD, NADP, and derivatives thereof, one or more compounds selected from the group consisting of organic compounds or salts thereof having a pKa value between 1.5 and 6.0, and a nitrogen compound of the formula



in which R^1 , R^2 , and R^3 are the same or different and denote hydrogen or a saturated or unsaturated alkyl or aryl group, the solution characterized by remaining qualitatively unchanged following storage at about 2° to 8°C for 15 months.